nm and 343 nm at pH 7.4 and 10.6, respectively. Fluorescence emission spectra of LYZ as a function of different concentrations of cyt c show that the emission of lysozyme is strongly quenched. The average lifetime of LYZ remained unaffected in the presence of cyt c. Based on the fluorescence quenching results and time resolved measurements, complex formation is the major mechanism for the binding between cyt c and lysozyme. The synchronous fluorescence intensity of Lys at $\Delta\lambda$ = 60 and 15 nm (pH 4.5 & 7.4) decreased gradually with the increasing concentration of cyt c with no shift in the maximum emission wavelength. The FTIR data showed that cyt c did not induce any conformational changes in lysozyme.

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1. T.V. Divyalakshmi, C. T. Aravindakumar, and U. K. Aravind, Spectroscopic Investigation on the Interaction of H_2O_2 with Ovalbumin. Proceedings of the Second International Conference on Membranes, Oct 16-19, 2013, page 125.
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